

Amendment to the Claims:

This listing will replace all prior versions, and listings, of the Claims in this application.

Listing of Claims:

Claims 1-3 (Canceled)

4. (Original) A microbiological culture media for producing a stabilized dihydrolipoic acid compound comprising:

at least one live probiotic organism;

R-lipoic acid; and

at least one nutritive agent.

5. (Original) The microbiological culture media of claim 4, wherein the at least one live probiotic organism is selected from the group consisting of *Lactobacillus* species, *Bifidobacterium* species, *Enterococcus* species, *Streptococcus thermophilus*, and combinations thereof.

6. (Original) The microbiological culture media of claim 5, wherein the at least one live probiotic organism is a *Lactobacillus* species selected from the group consisting of *L. acidophilus*, *L. paracasei*, *L. fermentum*, *L. rhamnosus*, *L. johnsonii*, *L. plantarum*, *L. reuteri*, *L. salivarius*, *L. brevis*, *L. bulgaricus*, *L. helveticus*, *L. grasserii*, *L. casei*, *L. lactis*, and combinations thereof.

7. (Original) The microbiological culture media of claim 5, wherein the at least one live probiotic organism is a *Bifidobacterium* species selected from the group consisting of *B. bifidum*, *B. breve*, *B. infantis*, *B. longum*, *B. lactis*, and combinations thereof.

8. (Currently amended) The microbiological culture media of claim 5, wherein the at least one live probiotic organism is a *Enterococcus* species selected from the group consisting of *E. ~~faecum~~ faecium*, *E. faecalis*, and combinations thereof.

9. (Original) The microbiological culture media of claim 5, wherein the at least one live probiotic organism is *Streptococcus thermophilus*.

10. (Original) The microbiological culture media of claim 4, comprising at least one live probiotic organism selected from the group consisting of *Lactobacillus* species and at least one probiotic organism selected from the group consisting of *Bifidobacterium* species.

11. (Original) The microbiological culture media of claim 4, wherein the nutritive agent is turmeric rhizome (*curcuma longa*).

12. (Original) The microbiological culture media of claim 4 comprising:

about 40 composition weight percent of a paste including at least one live probiotic organism;

about 20 composition weight percent R-lipoic acid; and

about 40 composition weight percent turmeric rhizome powder.

13. (Currently amended) A process for preparing a stabilized dihydrolipoic acid compound comprising:

dispersing the microbiological culture media of claim 3 4 in distilled water to form a broth;

incubating the broth at a predetermined temperature for a select time period to induce probiotic activity;

adding organic ethanol to halt the probiotic activity; and

separating the stabilized dihydrolipoic acid from the broth.

14. (Original) The process of claim 13, wherein the broth is incubated at a temperature of about 35°C to about 40°C.

15. (Original) The process of claim 13, wherein the broth is incubated for a period of about 72 to about 168 hours.

16. (Currently amended) A process for naturally deriving a beneficial compound comprising:

preparing a the microbiological culture ~~comprising at least one live probiotic organism and at least one nutritive agent of Claim 4;~~

incubating the microbiological culture to initiate probiotic activity;

harvesting a waste byproduct of the probiotic activity; and

separating the beneficial compound from the waste byproduct.

17. (Original) The process of claim 16, wherein the beneficial compound is stabilized dihydrolipoic acid.

18. (Original) The process of claim 16, wherein the at least one live probiotic organism is selected from the group consisting of Lactobacillus species, Bifidobacterium species, Enterococcus species, Streptococcus thermophilus, and combinations thereof.

19. (Original) The process of claim 16, wherein the nutritive agent is turmeric rhizome (curcuma longa).

20. (New) The culture media of Claim 4 wherein the at least one probiotic organism produces a stabilized dihydrolipoic acid compound for use in a medicament or a nutritional supplement.

21. (New) A microbiological culture media for producing a stabilized dihydrolipoic acid compound comprising:

Bifobacterium longum;

Lactobacillus acidophilus;

Enterococcus faecium;

Streptococcus thermophilus;

R-lipoic acid; and

at least one nutritive agent.

22. (New) The microbiological culture media of Claim 22 further comprising *B. breve*, *B. infantis*, *L. bulgaricus*, *L. casei*, *L. fermentum*, *L. helveticus* and *L. plantarum*.